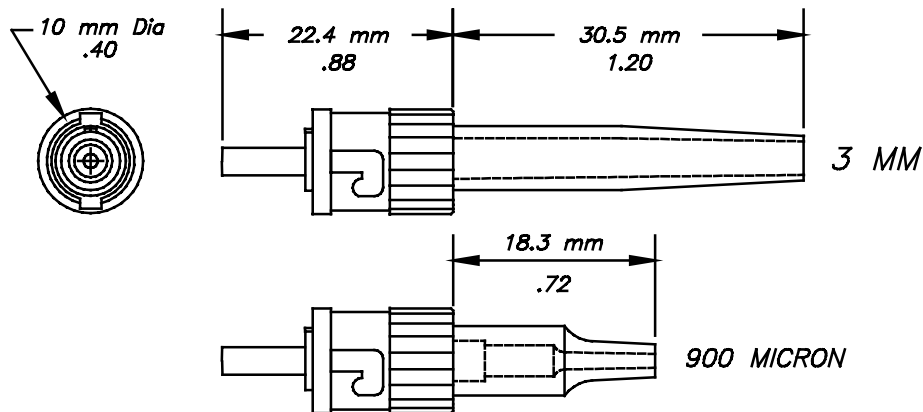


**ST - Compatible  
Multimode Fiber Optic Connector  
Part # FCST (3mm Black Boot)**



### Description

The ST-compatible **multimode** connector kit is comprised of a metal nut and ferrule holder/crimp barrel with a ceramic ferrule and color-coded strain relief boot. Each connector kit includes a 900  $\mu$ m (micron) boot and a 3mm boot for use with the appropriate cable. Refer to the diagram above for dimensional information.

The connector is precision made and manufactured to demanding specifications. The combination of a ceramic ferrule and a durable metal shell provides consistent long-term mechanical and optical performance.

Connectors adhere to Bellcore GR-326 requirements.

### Performance

62.5/125  $\mu$ m fiber  
Insertion loss: < 0.5 dB

### Durability

< 0.2 dB change after 500 mating cycles

### Intermateability

Optically and mechanically compatible with AT&T ST and equivalent connectors.

### Operating Temperature

-40°C to 75°C

### Metal Housing

Plated metal assures excellent mechanical and thermal stability. Adapter-end entry area includes a closed ring style for additional strength.

Strict tolerance on bore diameter and concentricity achieves very low connection losses. Ceramic material assures the highest durability, low friction and superior clean wiping action.

### Ferrule Specifications

Pre-radiused, PC-end finish for Physical Contact ferrule to ferrule  
Outside diameter tolerance:  $\pm 0.5 \mu$ m  
Capillary diameter tolerance: 127  $\pm 4/-0 \mu$ m  
Concentricity:  $\leq 4 \mu$ m

### Crimp Tool

Standard .128 Hex Die hand tool

### Boot Colors

Multimode version is available with black boots

### Product Packaging

Each connector is packaged individually.  
Instruction sheets are provided with each order.

### Termination Procedures

Prep cable-end  
Epoxy-Crimp-Polish

### Connector-to-Connector Assembly

The ST-type connector offers simple connects and disconnects requiring only a 1/4 turn on the keyed bayonet latch and lock mechanism.

Note: ST is a registered trademark of AT&T

**HellermannTyton 7930 N. Faulkner Rd. Milwaukee,  
Ceramic Ferrule**

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